

1. the content of the enclosed paper and computer readable copy of the Sequence Listing, submitted herewith in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are the same; and
2. the submission, filed herewith in accordance with 37 C.F.R. § 1.821(g), does not include new matter.

REMARKS

Applicant has amended the sequence listing to correct informalities (use of "u" versus "t" for RNA) noted by the Science and Technology Information Center. To assist the examiner, a marked-up copy of the prior sequence listing showing the changes made is enclosed. The new sequence listing also corrects inconsistencies in the prior sequence listing with the specification and drawings as filed. These additional corrections are noted on the attached marked-up copy of the sequence listing. Basis in the specification and drawings as filed for these additional changes are the following:

| SEQ ID NO | INCONSISTENCY |
|-----------|--|
| 5 | <p>The triplet at position 328-330 is GTC in the sequence listing and GTG in Figure 6A of the specification.</p> <p>The triplet at position 1240 to 1242 is CAT in the sequence listing and GAT in Figure 6A of the specification.</p> <p>The triplet at position 1417 to 1419 is ACA in the sequence listing and ACC in Figure 6A of the specification.</p> |
| 6 | <p>The amino acid at position 380 is His in the sequence listing and Asp in Figure 6B of the specification.</p> <p>The sequence listing omits the 'Z' found at the terminus of the sequence in Figure 6B.</p> |
| 16 | <p>The amino acid at position 135 is Pro in the sequence listing and Phe in Figure 3B of the specification.</p> <p>The amino acid at position 190 is Cys in the sequence listing and Gln in Figure 3B of the specification.</p> |

| | |
|----|---|
| | <p>The amino acid at position 234 is Gln in the sequence listing and Gly in Figure 3B of the specification.</p> <p>The amino acid at position 246 is Gln in the sequence listing and Gly in Figure 3B of the specification.</p> <p>The amino acid at position 250 is Ile in the sequence listing and Thr in Figure 3B of the specification.</p> <p>The amino acid at position 292 is Glu in the sequence listing and Asn in Figure 3B of the specification.</p> |
| 17 | <p>The amino acid at position 92 is Thr in the sequence listing and Ile in Figure 3B of the specification.</p> <p>The amino acid at position 194 is Pro in the sequence listing and Arg in Figure 3B of the specification.</p> <p>The amino acid at position 294 is Ile in the sequence listing and Leu in Figure 3B of the specification.</p> <p>The amino acid at position 297 is Asp in the sequence listing and Cys in Figure 3B of the specification.</p> |
| | <p>The amino acid at position 333 is Arg in the sequence listing and Phe in Figure 3B of the specification.</p> <p>The amino acid at position 417 is Lys in the sequence listing and Phe in Figure 3B of the specification.</p> <p>The amino acid at position 422 is Asp in the sequence listing and Cys in Figure 3B of the specification.</p> <p>The amino acid at position 454 is Arg in the sequence listing and Pro in Figure 3B of the specification.</p> |
| 19 | <p>The amino acid at position 160 is Lys in the sequence listing and His in Figure 7 of the specification.</p> |
| 20 | <p>The amino acid at position 34 is Gln in the sequence listing and Gly in Figure 7 of the specification.</p> |

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In the unlikely event that the transmittal letter is separated from this paper and computer readable form of the sequence listing and the U.S. Patent Office determines that an extension and/or other relief is required, applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this sequence listing to our Deposit Account No. 50-0872. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

Date January 18, 2002
FOLEY & LARDNER
P.O. BOX 80278
SAN DIEGO, CA 92138-0278

By Barry S. Wilson
BARRY S. WILSON
Attorney for Applicant
Registration No. 39,431

Telephone: (858) 847-6700
Facsimile: (858) 792-6773